

THIRD-ORDER LEVELING
SEA LEVEL DATUM OF 1929

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

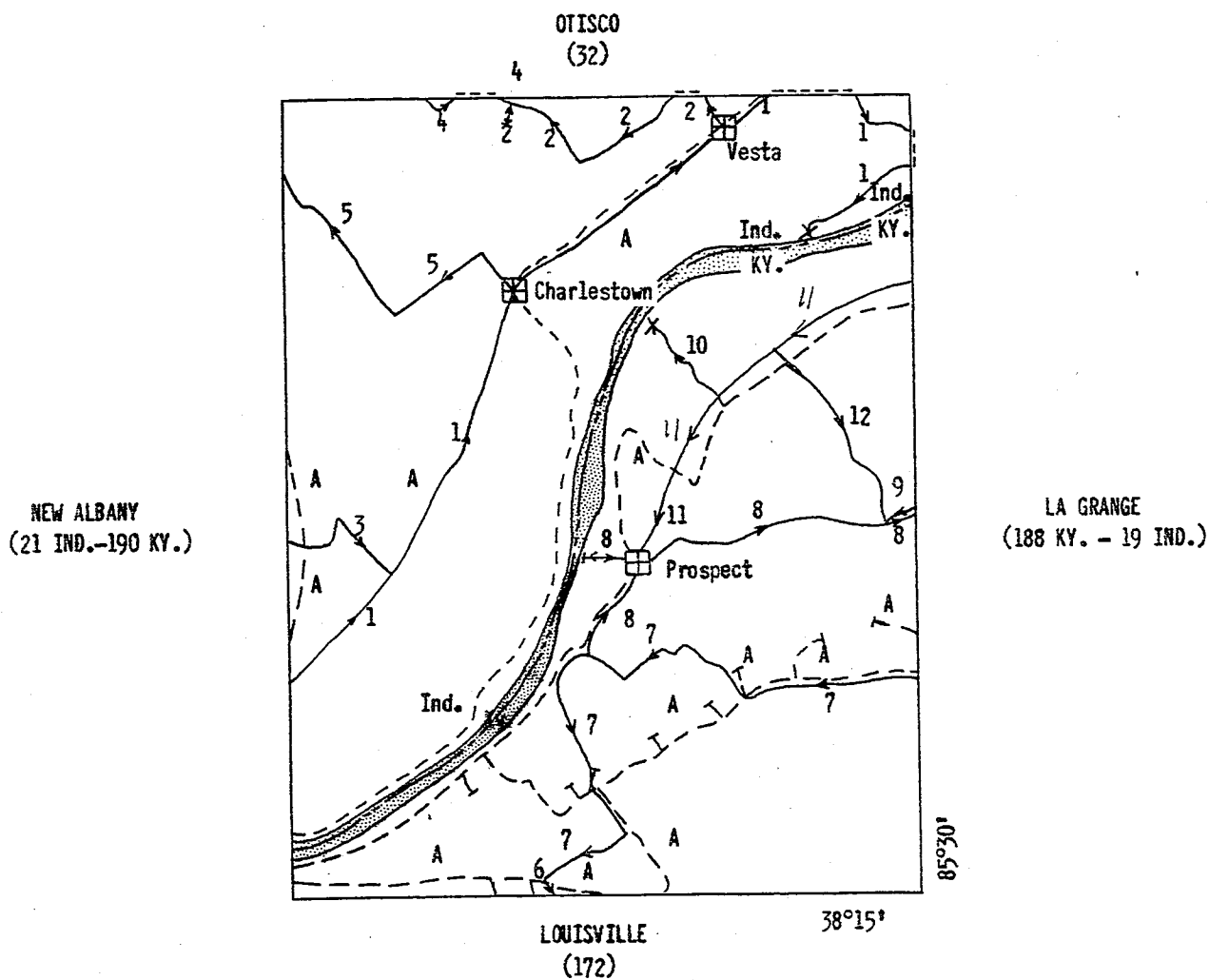
38-085-31
PROSPECT QUADRANGLE
189 KY. - 20 IND.
N3815-W8530/15
DIAGRAM NJ 16-6
LOUISVILLE

Jefferson and Oldham Counties, KY.
Clark County, IND.

Final adjustment of 1973

Edition of 5/1/74

PR: DSW/mjh



NGS (USC&GS) VERTICAL CONTROL DATA

A. Quadrangle 380853

XY= USED

189 KENTUCKY
20 INDIANA
PROSPECT QUADRANGLE

38-085-31
N3815-W8530/15

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B. M. 43; at NW. corner of intersection of Green and Shelby Streets; to SE. corner of Scotts Hardware Store, azimuth $135^{\circ}47'$, distance 6.9 ft; to SW. corner of Hermans Saloon, azimuth $273^{\circ}37'$, distance 53.3 ft; standard tablet stamped "460"	459.584
B. M. 44; at NW. corner of intersection of Main and Shelby Streets; to SW. corner of Methodist Church corner stone, azimuth $261^{\circ}32'$, distance 60.3 ft; to SE. corner of roofing store, azimuth $140^{\circ}07'$, distance 6.4 ft; standard tablet stamped "464" (Reported not found, 1960)	464.252
B. M. 45; at intersection of Story Avenue and Louisville & Nashville Railroad; 12 ft NE. of NE. rail of NE. track; 8 ft NW. of NW. curblin of Story Avenue; 8 ft S. of S. corner of building No. 1201 Story Avenue; standard tablet stamped "458" (Tied by NGS, 1954)	458.073
B. M. 46; at intersection of Story Avenue, Ohio Street and Frankfort Avenue; 23 ft SW. of SW. curblin of Ohio Street; 8 ft NE. of extended NE. curblin of Frankfort Avenue; 7 ft NW. of NW. curblin of Story Avenue; standard tablet stamped "457" (Tied by NGS, 1954) (Note: stamping and casting on tablet not legible due to wear)	456.492
B. M. 47; at W. corner of Frankfort Avenue at junction of Haldeman Street N.; to NE. corner of store, azimuth $53^{\circ}18'$, distance 86.6 ft; to cornerpost of grounds of Kentucky School for the Blind, azimuth $137^{\circ}08'$, distance 10.7 ft; standard tablet stamped "510" (Reported destroyed, 1949)	510.358
B. M. 48; at SW. corner of Frankfort Avenue at junction of Keats Street S.; to water plug, azimuth $105^{\circ}20'$, distance 5.9 ft; to NW. corner of house, azimuth $272^{\circ}15'$, distance 30.2 ft; standard tablet stamped "524" (Reported destroyed, 1949)	523.484
B. M. 49; at SE. corner of Frankfort Avenue at junction of Park Avenue S.; to corner of Crescent Hill Pharmacy, azimuth $74^{\circ}24'$, distance 55.8 ft; to corner of Crescent Drug Company, azimuth $327^{\circ}07'$, distance 8.6 ft; standard tablet stamped "538"	537.586
B. M. 50; on S. side of Frankfort Avenue at N. wall of city waterworks; to water tank nearest corner, azimuth $57^{\circ}18'$, distance 42.5 ft; to corner of stone wall, azimuth $348^{\circ}28'$, distance 7.0 ft; standard tablet stamped "553"	553.341
B. M. 51; on N. side of Brownsboro Road opposite gate to city filtration plat; to N. corner of gate, azimuth $332^{\circ}02'$, distance 68.8 ft; to center of water plug, azimuth $299^{\circ}09'$, distance 48.2 ft; standard tablet stamped "554"	553.714
B. M. 52; 0.4 mi NW. of junction of Brownsboro Road and Zorn Avenue, along Zorn Avenue; opposite small springhouse; to nail in locust tree, azimuth $18^{\circ}27'$, distance 21.8 ft; to nail in locust tree, azimuth $126^{\circ}06'$, distance 26.7 ft; standard tablet stamped "521"	521.182
B. M. 53; 0.3 mi SE. of junction of River Road and Zorn Avenue, along Zorn Avenue; 20 ft N. of centerline of Prospect Electric Railroad; to tree, azimuth $217^{\circ}45'$, distance 28.7 ft; to tree; azimuth $86^{\circ}22'$, distance 22.1 ft; standard tablet stamped "441"	440.855
B. M. 54; on S. side of River Road 600 ft SW. of entrance to Standard County Club; to nail in tree, azimuth $78^{\circ}32'$, distance 92.6 ft; to nail in hollow tree, azimuth $154^{\circ}12'$, distance 40.0 ft; standard tablet stamped "432" (Reported destroyed, 1949)	432.269

ISOLATED BENCH MARKS (Cont'd.)Feet

B. M. 55; on S. side of River Road opposite residence of G. Hooper; to iron pump, azimuth 125°20', distance 55.0 ft; to N. corner of brick house, azimuth 356°59', distance 58.6 ft; standard tablet stamped "434"	434.351
B. M. 56; on E. side of River Road; 678 ft NE. of L. & N. RR.; in front of residence of W. Vest; to nail in telephone pole, azimuth 94°55', distance 69.4 ft; to N. corner of house, azimuth 15°50', distance 64.1 ft; standard tablet stamped "439"	438.987
B. M. 57; at NE. corner of Van Buren Street at junction of Marion Street; to east corner of house, azimuth 82°54', distance 60.3 ft; to center of pump, azimuth 23°33', distance 58.8 ft; standard tablet stamped "437"	437.319
B. M. 58; at N. corner of intersection of Fulton and Adams Streets; to corner of bar and grocery store, azimuth 337°11', distance 11.9 ft; to NW. corner of sawmill office, azimuth 205°08', distance 68.8 ft; standard tablet stamped "441"	441.143
B. M. 59; at NE. corner of intersection of Fulton and Shelton Streets; 61 ft from fireplug; 42 ft from center of westernmost boiler; standard tablet stamped "440"	439.497
B. M. 83; at SW. corner of intersection of Main and Jackson Streets; to NE. corner of retaining wall to yard, azimuth 43°40', distance 13.7 ft; to NW. corner of American machine shops, azimuth 290°14', distance 52.4 ft; standard tablet stamped "458"	458.205
B. M. 117; 0.7 mi W. of St. Matthews; at S. corner of Frankfort Avenue at junction of Cannons Lane SE.; 6 ft N. of centerline of streetcar track; to nail in blazed locust tree, azimuth 141°55', distance 162.6 ft; to center of pump, azimuth 293°03', distance 69.6 ft; standard tablet stamped "548"	547.542
B. M. 118; St. Matthews; 25 ft E. of centerline of Frankfort Avenue at junction of Workhouse Road S.; to SW. corner of brick foundation of house, azimuth 147°24', distance 49.2 ft; to center of millstone No. 5, azimuth 34°58', distance 32.6 ft; standard tablet stamped "550"	549.667
Skylight, 0.1 mi W. of, along U. S. Highway 42; on W. side of hwy. across from house; in rock ledge; standard tablet stamped "704 ADJ 1903" (Reported not found, 1952)	703.677
Lyndon; 260 ft W. of station; 40 ft E. of centerline of rd. S. of Louisville and Nashville Railroad tracks; on iron post; standard cap stamped "561" (Reported not found, 1949)	561.190
Peewee Valley, 1.3 mi SW. of, along L. & N. RR.; 145 ft E. of centerline of tracks; 400 ft N. and 200 ft E. of abandoned Altawood car stop; in NE. angle of junction of State Highway 146 and T-rd. E.; in concrete post; standard tablet stamped "3 M 1926 RESET 1954 777" (Reported not found, 1965)	777.306
Anchorage; 300 ft NW. of clubhouse; 62 ft SW. of centerline of L. & N. RR. tracks; in small circular park; in concrete post; standard tablet stamped "4 M 1926" (Reported not found, 1965)	723.697

1937

LINE 1.

- New Albany, 6.0 mi NE. of station, along Baltimore & Ohio Railroad; 0.9 mi NW. of Watson, thence 1.1 mi SW.; 120 ft SW. of intersection of RR. and old Charlestown Pike; 40 ft N. of intersection of second-class rd. and RR. crossing; at W. side of RR. right-of-way along fenceline; in concrete post; standard tablet stamped "TT 3 D 1937 492" 492.062
- U. E., Watson, 0.9 mi NW. of Utica Lodge; centerline of crossroads; on N. end of W. rail of bridge over stream; chiseled square 465.01
- Charlestown, 4.2 mi S. of, along State Highway 62, thence 0.8 mi SW. along old Charlestown Pike; 0.9 mi NW. of Watson, thence 1.6 mi NE.; in SW. corner of yard of Utica Consolidated School; 18 ft N. and 45 ft W. of center of front door to school building; in concrete post; standard tablet stamped "TT 2 D 1937 513" *NOT FOUND - Ind. Univ 7-10-2003 Perry* 513.258
- Charlestown, 1.7 mi S. of, along State Highway 62, thence 0.5 mi SE. along graveled rd.; 675 ft SE. of county poorhouse; 675 ft NW. of old Lutz farm; SW. of pipeline and wire gate to woodlot; in NW. corner of cultivated field; 36 ft E. of centerline of N.-S. fenceline; 14 ft S. of E.-W. fenceline; on stone post; chiseled cross surrounded by letters "C&GS" (NGS triangulation station designated "LUTZ 1884") 601.328
- Charlestown; at NE. entrance to Johnathan Jennings School; in NW. end of concrete step; standard tablet stamped "TT 1 D 1937 607" (Destroyed, 1966) 606.885
- Charlestown, 3.0 mi NE. of, along State Highway 62; in W. end of S. abutment of bridge over Fourteen mile Creek; standard tablet stamped "1 W 1937 457" (Tied by NGS, 1965) *see next sheet end of found.* ~~456.843~~ *458.411*
- Charlestown, 5.1 mi NE. of, along State Highway 62, thence 1.0 mi SE.; 1.8 mi SW. of Vesta; 750 ft NE. of centerline of rd. forks; on N. side of rd.; in headwall over drain; standard tablet stamped "2 W 1937 677" (Reported destroyed, 1954) 676.777
- U. E., Vesta; 200 ft SW. of centerline of crossroads; at Owen Creek Church on W. side of rd.; on concrete headwall of bridge over stream; chiseled square 680.92

[Jogs into Otisco and La Grange quadrangle]

- Owen, 0.9 mi E. of, along N. bank of Ohio River; at Griebe Landing; on property of M. F. Griebe; at lower edge of rd. to landing; 150 ft from river bank; 13 ft SW. of spike in triangular blazed 36-in. elm tree; 5.0 ft higher than property line fence; on iron pipe in concrete pedestal; USED standard cap stamped "898" (Reported not found, 1954) 444.506

LINE 2.

By C. S. Wells, 1937; Book B 7312

- U. E., Vesta; chiseled square (Described in line 1) 680.92
- Vesta, 1.1 mi NW. of; 45 ft NE. of centerline of crossroads; in NE. end of concrete headwall over drain; standard tablet stamped "4 W 1937 687" 686.771

[Jogs into Otisco quadrangle]

LINE 2 (Cont'd.)Feet

Charlestown, 5.2 mi NE. of; at Runyantown; 300 ft NE. of Runyan Store; at W. edge of rd. at junction of drive NW.; on iron post; standard cap stamped "PRIM TRAV STA NO 3 1905" 612.310

Charlestown, 3.6 mi N. of junction of State Highways 3 and 62, along Highway 3; 250 ft N. of centerline of hwy. at junction of drive NE.; on E. side of hwy.; in concrete catch basin between hwy. and RR.; standard tablet stamped "5 W 1937 623 RESET 1939" 623.020

Charlestown, 3.4 mi N. of junction of State Highways 3 and 62, along Highway 3, thence 0.2 mi SW.; 4.0 mi S. of Otisco; on land owned by Mrs. Magdalene Flinchbaugh; 984 ft W. of B. & O. RR.; 164 ft W. of centerline of Highway 3; 492 ft N. of old schoolhouse No. 9 (Charlestown Township); 164 ft NW. of large beech tree at head of ravine; 48 ft E. of SE. corner of old shack; in concrete post; NGS standard triangulation station disk stamped "O&M 1884 1914" 648.351

LINE 3.

By C. S. Wells, 1937; Book B 7312

U. E., Watson, 0.9 mi NW. of; chiseled square (Described in line 1) 465.01

LINE 4.

By C. S. Wells, 1937; Book B 7312

"5 W 1937 RESET 1939" (Described in line 2) 623.020

LINE 5.

By C. S. Wells, 1937; Book B 7312

"TT 1 D 1937 607" (Described in line 1) 606.885

Charlestown, 0.8 mi NW. of, along State Highway 3, thence 2.4 mi SW. along State Highway 403; 4.8 mi SE. of Memphis; at corner of military grants 114, 115, 133, and 134; 97 ft W. of centerline of crossroads; 6 ft S. and 4 ft W. of SE. corner of Township School No. 6; in concrete post; standard tablet stamped "TT 7 D 1937 561" 560.972

Memphis, 1.8 mi SE. of; 62 ft N. and 80 ft W. of centerline of rd. at junction of Ripley Road NE.; in SW. corner of yard of Georgia Bottroff; at wire fence; in concrete post; standard tablet stamped "TT 8 D 1937 514" 514.021

LINE 6.

By B. B. Chamblin, 1948; Book AV 54

"K 122 1940" (NGS) (Reported destroyed, 1960) 540.826

LINE 7.

By E. O. Miner, 1949; Book AV 92

Crestwood, 1.6 mi W. of post office, along State Highway 22; 0.2 mi W. of junction of rd. SW. to Pee Wee Valley; 40 ft SW. of, and level with centerline of hwy. at junction of drive S. to Woodside Acres; 8 ft E. of 15-in. maple tree; 7 ft W. of metal witness post and sign; in concrete post; standard tablet stamped "63 EQM 1949 723" (Tied by NGS, 1960) 723.289

LINE 7 (Cont'd.)Feet

Reference mark; 160 ft NE. of tablet; on S. corner of concrete base of Airway Beacon No. 1; chiseled square	729.90
U. E., Crestwood, 2.5 mi W. of; 2.5 mi E. of Worthington; 105 ft S. of centerline of State Highway 22 at junction of T-rd. S.; near W. edge of Lake Louisville; on NE. concrete wingwall of bridge; chiseled square	628.24
Worthington, 1.7 mi E. of, along State Highway 22; 20 ft N. and 87 ft E. of centerline of hwy. at junction of drive NE. to farmhouse of L. B. Melone; 23 ft SW. of 24-in. spruce tree; in concrete post; NGS standard azimuth mark disk stamped "BARNETT 1935"	753.906
Reference mark; 310 ft E. of tablet; on W. end of N. concrete headwall of culvert; chiseled square	737.22
U. E., Worthington, 1.3 mi E. of; 225 ft E. of centerline of State Highway 22 at junction of Murphy Road; on E. end of S. concrete headwall of culvert; chiseled square	712.97
U. E., Worthington, 0.8 mi E. of; at Taylortown Church; 65 ft NE. of centerline of State Highway 22 at junction of Hitt Lane N.; on E. end of lowest concrete step in front of church; chiseled square (Tied by NGS, 1960)	658.84
U. E., Worthington; 55 ft NE. of centerline of hwy. at junction of Brownsboro Road N.; on SE. corner of concrete pump foundation; chiseled square	703.16
Worthington; in foundation of Campbellite Church; standard tablet stamped "694 ADJ 1903"	694.480
U. E., Worthington, 0.4 mi SW. of, along State Highway 22; 30 ft NE. of centerline of cross-roads; on SW. corner of concrete foundation of gasoline pumps; chiseled square	694.53
U. E., Worthington, 0.4 mi SW. of, along State Highway 22, thence 0.6 mi N.; 125 ft SW. of centerline of rd. at junction of T-rd. W.; 20 ft W. of centerline of rd.; at NE. end of watergate; on concrete post; chiseled square	643.10
Worthington, 0.4 mi SW. of, along State Highway 22, thence 0.6 mi N., thence 1.0 mi NW. along Wolf Pen Branch Road; 33 ft W. of, and 6.0 ft higher than centerline of rd.; in NE. corner of orchard; 275 ft S. of concrete culvert; 1 ft S. of fenceline; in concrete post; standard tablet stamped "64 EQM 1949 637"	636.908
Reference mark; 275 ft N. of tablet; on W. concrete headwall of culvert; chiseled square	623.46
U. E., Worthington, 0.4 mi SW. of, along State Highway 22, thence 0.6 mi N., thence 1.6 mi NW.; on S. wingwall of concrete bridge; chiseled square	528.04
U. E., Harrods Creek, 1.0 mi SE. of, thence 0.9 mi NE.; 15 ft NE. of centerline of rd. at junction of T-rd. SW.; on masonry retaining wall; chiseled square	599.07
Harrods Creek, 1.0 mi SE. of post office; 105 ft NE. of center of triangle at junction of Wolf Pen Branch Road and Barbour Lane; 10 ft NE. of boulder; 1 ft W. of fenceline; in concrete post; standard tablet stamped "65 EQM 1949 559"	559.282

LINE 7 (Cont'd.)Feet

Reference mark; 210 ft NW. of tablet; 15 ft SW. of centerline of rd.; on concrete headwall of pipe drain; chiseled square	563.27
U. E., Harrods Creek, 0.6 mi SE. of post office; 120 ft NW. of intersection of U. S. Highway 42 and Wolf Pen Branch Road; on masonry headwall of culvert; chiseled square	596.64
U. E., Harrods Creek; 25 ft NE. of centerline of rd.; 0.6 ft W. of NW. corner of steps to hardware store; on concrete platform; chiseled square	452.22
U. E., Harrods Creek, 1.3 mi SW. of, along River Road; 10 ft W. of SW. corner of concrete bridge over Goose Creek; on end of concrete retaining wall; chiseled square	436.74
Harrods Creek, 1.5 mi SW. of, along River Road; 0.2 mi SW. of bridge over Goose Creek; 274 ft SE. and 239 ft NE. of centerline of River Road at junction of Lime Kiln Road SE.; 230 ft NNE. of telephone pole No. 3; 225 ft SE. of second telephone cable pole NE. of junction; 21 ft N. of small swampy area; in hayfield; on iron pipe; USED standard cap stamped "895" (Tied by NGS, 1954)	438.795
Harrods Creek, 1.5 mi SW. of, along River Road; 0.2 mi SW. of bridge over Goose Creek; 54 ft SE. and 47 ft NE. of, and 3.5 ft lower than centerline of River Road at junction of Lime Kiln Road SE.; 36 ft NNE. of telephone pole No. 1; 4 ft ESE. of telephone pole No. 185; in concrete post; standard tablet stamped "TT 66 DWP 1948 440" (Tied by NGS, 1954)	439.661
Harrods Creek, 1.5 mi SW. of, along River Road, thence 2.2 mi SE. along Lime Kiln Road; 2.0 mi SE. of Ballard School; 100 ft SW. of intersection of U. S. Highway 42 and Lime Kiln Road; 36 ft NW. of, and 1.0 ft higher than centerline of southbound lane of hwy.; 3 ft S. of metal witness post and sign; 3 ft NE. of power pole; in concrete post; standard tablet stamped "TT 67 DWP 1948 569" (Tied by NGS, 1960)	568.483
Reference mark; 140 ft E. of tablet; on W. end of N. concrete headwall of bridge; chiseled square	567.48
U. E., St. Matthews, 2.6 mi NE. of, along Westport Road, thence 1.1 mi NW.; 65 ft E. of centerline of State Highway 22 at junction of Herr Lane; on concrete base of E. post of ornamental stone gateway; chiseled square	594.84
U. E., St. Matthews, 2.6 mi NE. of, along Westport Road, thence 0.5 mi NW.; 25 ft NE. of centerline of Herr Lane; in telephone pole; spike nail	598.80
U. E., St. Matthews, 2.6 mi NE. of, along Westport Road; 35 ft W. of centerline of Westport Road at junction of Herr Lane NW.; on W. end of concrete pipe culvert; chiseled square	575.18
St. Matthews, 2.3 mi NE. of, along Westport Road; 1.0 mi NW. of Lyndon Post Office, along Lyndon Lane, thence 0.4 mi SW. along Westport Road; 44 ft S. of, and 1.5 ft lower than centerline of rd. at junction of private drive SE.; 4 ft E. of telephone pole; 3 ft S. of metal witness post and sign; in concrete post; standard tablet stamped "TT 68 DWP 1948 564" (Tied by NGS, 1960) Reported Destroyed 79	563.437
Reference mark; 380 ft SW. of tablet; 30 ft E. of centerline of rd. at junction of I-rd. SE.; on W. corner of concrete step; chiseled square	562.05

LINE 7 (Cont'd.)Feet

U. E., St. Matthews, 1.7 mi NE. of, along Westport Road; 30 ft SE. of centerline of Westport Road at junction of Larry Avenue; on S. end of L-shaped concrete headwall of culvert; chiseled square 538.34

U. E., St. Matthews, 1.1 mi NE. of, along Westport Road; 20 ft SE. of centerline of rd.; on masonry headwall of sewer; chiseled square 550.50

St. Matthews, 0.9 mi NE. of, along Westport Road; 0.2 mi SW. of Kentucky Boys Estate; 56 ft W. of intersection of Westport Road and Hubbard Lane; 2 ft S. of utility pole; in concrete post; standard tablet stamped "TI 69 DWP 1948 553" 552.886

"K 122 1940" (NGS) (Also in line 6) 540.826

LINE 8.

By E. O. Miner, 1949; Book AV 92

U. E., Harrods Creek; chiseled square (Described in line 7) 452.22

Harrods Creek, 0.3 mi N. of post office, along River Road; on grounds of Masonic Lodge No. 456; 20 ft S. and 46 ft E. of, and 3.0 ft higher than centerline of rd. at junction of drive E.; 98 ft W. of SW. corner of building; 6 ft ENE. of 36-in. maple tree; in concrete post; standard tablet stamped "TI 65 DWP 1948 456" (Tied by NGS, 1954) 456.023

U. E., Harrods Creek, 1.0 mi N. of, along River Road; 65 ft SW. of centerline of rd. at junction of T-rd. W. to Transylvania Beach; in base of electric pole; spike nail 462.42

U. E., Harrods Creek, 1.4 mi N. of, along River Road; on abutment at SW. corner of concrete bridge; chiseled square 450.67

U. E., Prospect; 100 ft NE. of centerline of U. S. Highway 42 at junction of State Highway 329; on concrete headwall of culvert; chiseled square 482.67

SPUR LINE

U. E., Prospect, 0.5 mi NW. of post office, along macadam rd.; 0.2 mi NW. of Greencastle Baptist Church; 32 ft S. and 17 ft SW. of centerline of rd. at junction of T-rd. W.; in root on N. side of 40-in. beech tree; spike nail (Tied by NGS, 1954) 462.082

Prospect, 0.5 mi NW. of post office, along macadam rd., thence 0.9 mi W.; 0.2 mi S. of S. end of Twelvemile Island; on property of J. C. Stone; 390 ft S. of private ferry landing on river; 156 ft SE. along fenceline from top of river bank; 37 ft NW. of spike in triangular blaze on 24-in. black locust tree; 5 ft N. of spike in triangular blaze on 18-in. locust tree in fenceline; on iron pipe; USED standard cap stamped "889" (Tied by NGS, 1954) 440.101

END OF SPUR LINE

U. E., Prospect, 0.4 mi E. of, along State Highway 329; at SE. corner of concrete bridge; on wingwall; chiseled square 482.12

LINE 8 (Cont'd.)Feet

Prospect, 0.9 mi E. of, along State Highway 329; 300 ft NE. of Jefferson-Oldham County line; 28 ft NW. of centerline of hwy.; 180 ft NE. of bridge; in concrete post; standard tablet stamped "66 EQM 1949 509"	509.115
Reference mark; 180 ft SW. of tablet; on N. corner of W. masonry retaining wall of steel bridge; chiseled square	500.26
U. E., Prospect, 1.4 mi E. of, along State Highway 329; on middle of S. concrete headwall of bridge; chiseled square	540.00
U. E., Prospect, 2.3 mi E. of, along State Highway 329; at SE. corner of steel bridge over Harrods Creek; 4.0 ft lower than bridge floor; on concrete bridge seat; chiseled square	461.67
Prospect, 3.0 mi E. of, along State Highway 329; 4.0 mi NW. of Brownsboro; 22 ft N. of, and 2.0 ft lower than centerline of hwy.; 90 ft W. of center of bridge; in concrete post; standard tablet stamped "67 EQM 1949 577" (Reported not found, 1955)	576.759
Reference mark; 95 ft E. of tablet; on easternmost of two masonry posts of watergate; chiseled square	581.12
U. E., Prospect, 3.4 mi E. of, along State Highway 329; 18 ft N. of centerline of hwy.; on concrete base of E. post of watergate; chiseled square	600.68
U. E., Prospect, 3.9 mi E. of, along State Highway 329; 3.0 mi NW. of Brownsboro; 40 ft S. of centerline of crossroads; on N. end of E. concrete headwall of cattle guard; chiseled square	642.73
U. E., Brownsboro, 2.5 mi NW. of, along State Highway 329; 90 ft N. of centerline of hwy.; on SW. corner of rock ledge; chiseled square	683.32
Brownsboro, 2.0 mi NW. of, along State Highway 329; 120 ft W. of W. corner of triangle formed by junction of Y-rd. SW.; 27 ft S. of centerline of hwy.; midway between two 36-in. trees; in concrete post; standard tablet stamped "68 EQM 1949 735"	734.568
Reference mark; 110 ft E. of tablet; on W. end of concrete headwall of culvert; chiseled square	735.89
Brownsboro; 350 ft SW. of schoolhouse; 100 ft NE. of residence of W. L. Halleron; 2 ft S. and 28 ft E. of centerline of hwy. at junction of driveway to school; 2 ft N. of power pole; in concrete post; standard tablet stamped "TT 63 DWP 1948 764"	764.114

LINE 9.

By R. H. Paine, 1952; Book AV 322

Brownsboro, 1.0 mi NW. of, along State Highway 329, thence 0.6 mi NE.; 23 ft SE. and 19 ft NE. of centerline of rd. at junction of graveled rd. SE.; 5 ft SE. of 22-in. locust tree; in concrete post; standard tablet stamped "58 RHP 1952 775"	774.471
"68 EQM 1949 735" (Described in line 8)	734.568

1952

LINE 10.

Feet

By R. H. Paine, 1952; Book AV 322

Goshen; at Presbyterian Church; 1 ft higher than centerline of U. S. Highway 42; 0.6 ft SW. of N. corner of church; in NW. face of stone foundation at N. corner of church; standard tablet stamped "699 ADJ 1903" (Tied by NGS, 1954) (Reported disturbed, 1954)

698.870

Goshen, 1.8 mi NW. of, along graveled rd.; 400 ft SW. of red brick house; 11 ft S. of right angle curve in rd.; 4 ft NE. of fence corner and SE. gatepost; 1 ft NW. of fence corner and SE. gatepost; 1 ft NW. of fenceline; in concrete post; standard tablet stamped "61 RHP 1952 696" (Reported destroyed, 1961)

695.303

U. E., Goshen, 2.9 mi NW. of, along graveled rd.; at Nicholson Landing; 25 ft N. of, and 0.9 ft higher than centerline of rd. at junction of Y-rd.; on SW. end of NW. concrete headwall of culvert; chiseled square

474.58

Goshen, 3.5 mi NW. of, along graveled rd.; 0.6 mi W. of Nicholson Landing; on property of Woolfolk heirs; 200 ft W. of swale; 40 ft S. of property line fence; 37 ft SW. of spike in triangular blaze on 14-in. walnut tree; 28 ft NW. of spike in triangular blaze on twin-trunked elm tree; 28 ft NW. of spike in triangular blaze on 8-in. walnut tree; 16 ft NW. of spike in triangular blaze on 12-in. walnut tree; 8 ft E. of river bank; on iron pipe; in concrete post; USED standard cap stamped "881"

438.914

LINE 11.

By R. H. Paine, 1952; Book AV 322

Skylight, 0.8 mi E. of; on property of Liberty Public School; 68 ft SE. of, and 3.0 ft higher than centerline of U. S. Highway 42; 68 ft NE. of N. corner of original part of school; 63 ft NW. of N. corner of new addition to school; 66 ft SW. of fence corner; 41 ft SSW. of telephone cable pole No. 227; in concrete post; NGS standard triangulation station disk stamped "SKYLIGHT 1947"

766.488

Reference mark No. 2; 120 ft SW. of station; 82 ft SE. of, and 2.5 ft higher than centerline of U. S. Highway 42; 56 ft W. of N. corner of original part of school; 53 ft N. of W. corner of school; 30 ft NW. of NW. face of school; in driveway; in concrete post; NGS standard reference mark disk stamped "SKYLIGHT NO 2 1947"

765.530

Reference mark No. 3; 96 ft N. of station; 27 ft N. of centerline of U. S. Highway 42; 57 ft NW. of telephone pole; 1 ft S. of fenceline; in concrete post; NGS standard reference mark disk stamped "SKYLIGHT NO 3 1947"

765.519

U. E., Skylight, 0.6 mi SW. of, along U. S. Highway 42; at N. side of hwy.; on SE. corner of base for gasoline pumps; chiseled square

731.89

U. E., Skylight, 1.0 mi SW. of, along U. S. Highway 42; at Shiloh Methodist Church; at E. angle of crossroads; on SE. concrete headwall of culvert; chiseled square

732.18

LINE 11 (Cont'd.)Feet

Goshen, 1.3 mi NE. of Presbyterian Church, along U. S. Highway 42; 2.3 mi SW. of Skylight; 0.2 mi NE. of crossroads; 28 ft SE. of, and 2.5 ft higher than centerline of hwy.; 86 ft S. of center of farm gate; 3 ft NW. of board fence; 2 ft SW. of telephone cable pole No. 157; 2 ft S. of white wooden witness post; in concrete post; NGS standard azimuth mark disk stamped "GOSHEN 1947"	719.798
Goshen, 0.7 mi NE. of Presbyterian Church, along U. S. Highway 42; in cultivated field; 122 ft SSW. of centerline of hwy. at junction of graveled drive NW. to farmhouse; 53 ft SE. of, and 3.0 ft higher than centerline of hwy.; 62 ft SSW. of center of farm gate; 21 ft SE. of fenceline; 21 ft SE. of white wooden witness post; in concrete post; NGS standard triangulation station disk stamped "GOSHEN 1947"	714.136
Reference mark No. 1; 107 ft NE. of station; 33 ft SE. of, and 3.5 ft higher than centerline of hwy. at junction of drive NW.; 46 ft NE. of center of farm gate; 17 ft SW. of telephone cable No. 145; 1 ft SE. of fenceline; in concrete post; NGS standard reference mark disk stamped "GOSHEN NO 1 1947"	715.323
Reference mark No. 2; 96 ft NW. of station; 30 ft NW. of, and 2.0 ft higher than centerline of hwy.; 150 ft SW. of centerline of hwy. at junction of drive NW.; 54 ft NE. of power pole; 1 ft SE. of fenceline; in concrete post; NGS standard reference mark disk stamped "GOSHEN NO 2 1947"	715.458
"699 ADJ 1903" (Described in line 10)	698.870
U. E., Goshen, 1.0 mi SW. of, along U. S. Highway 42; on SW. end of SE. concrete headwall of culvert; chiseled square	670.51
Goshen, 1.8 mi SW. of, along U. S. Highway 42; 2.3 mi NE. of Prospect; 86 ft N. of, and 7.0 ft higher than centerline of crossroads; 37 ft NE. of centerline of graveled rd.; 31 ft W. of centerline of hwy.; 21 ft N. of power pole; 21 ft E. of fenceline corner; 2 ft S. of fenceline corner; in concrete post; standard tablet stamped "60 RHP 1952 642" (Tied by NGS, 1954)	641.285
Reference mark; 45 ft NE. of tablet; on NE. end of NW. concrete headwall of culvert; chiseled square	644.04
Prospect, 0.6 mi NE. of post office, along U. S. Highway 42; 3.4 mi SW. of Goshen; 318 ft NE. of Oldham-Jefferson County line; 61 ft NW. of, and 3.0 ft higher than centerline of south-bound lane of hwy.; 165 ft NE. of NE. end of 18-in. metal pipe culvert under drive W. to house; 30 ft N. of power pole; 2 ft SW. of white wooden witness post; in concrete post; NGS standard triangulation station disk stamped "POND 1947"	620.425
U. E., Prospect; chiseled square (Described in line 8)	482.67

LINE 12.

By R. H. Paine, 1952; Book AV 322

U. E., Skylight, 1.0 mi SW. of, along U. S. Highway 42; chiseled square (Described in line 11)	732.18
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LINE 12 (Cont'd.)Feet

Skylight, 1.0 mi SW. of, along U. S. Highway 42, thence 1.0 mi SE. along graveled rd.; 25 ft SE. and 11 ft SW. of centerline of rd. at curve at junction of graveled drive SE.; 11 ft NE. of center of cattle guard; 3 ft S. of fenceline corner; in concrete post; standard tablet stamped "62 RHP 1952 752"

751.899

U. E., Skyliht, 1.0 mi SW. of, along U. S. Highway 42, thence 1.0 mi SE., thence 2.5 mi SW. and SE.; in front of abandoned barn; on SW. corner of concrete watering trough; chiseled square

673.65

Brownsboro, 1.3 mi NW. of, along State Highway 329, thence 0.8 mi N. along graveled rd.; 16 ft W. of, and level with centerline of rd.; 5 ft N. of 12-in. walnut tree; 2 ft E. of, and in line with fenceline W.; in concrete post; standard tablet stamped "TI 64 DWP 1948 741"

740.898

"68 EOM 1949 735" (Described in line 8)

734.568

R E S E T

PUBLICATION COPY

5-2-90

Prospect Quadrangle
189 Kentucky
20 Indiana

Charlestown, 2.9 mi NE. of, along State Highway 62 from the junction of State Hwys. 62 and 3; just before crossing Fourteen Mile Creek; 43.6 ft NW. of centerline of hwy., 4.5 ft E. of utility pole and 2.5 ft E. of a witness post, set in a concrete post; standard tablet stamped " W 1 RESET 1985" (formerly "1 W 1937 457" -- tied by NGS, 1965)

RESET ELEVATION 458.411
139.724 m

Reset by Ronald L. Ramsey, NGS
3-28-85

HORIZONTAL CONTROL
NORTH AMERICAN DATUM OF 1927

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

38-085-31
PROSPECT QUADRANGLE
189 KY.-20 IND.
N3815-W8530/15
DIAGRAM NJ 16-6
LOUISVILLE

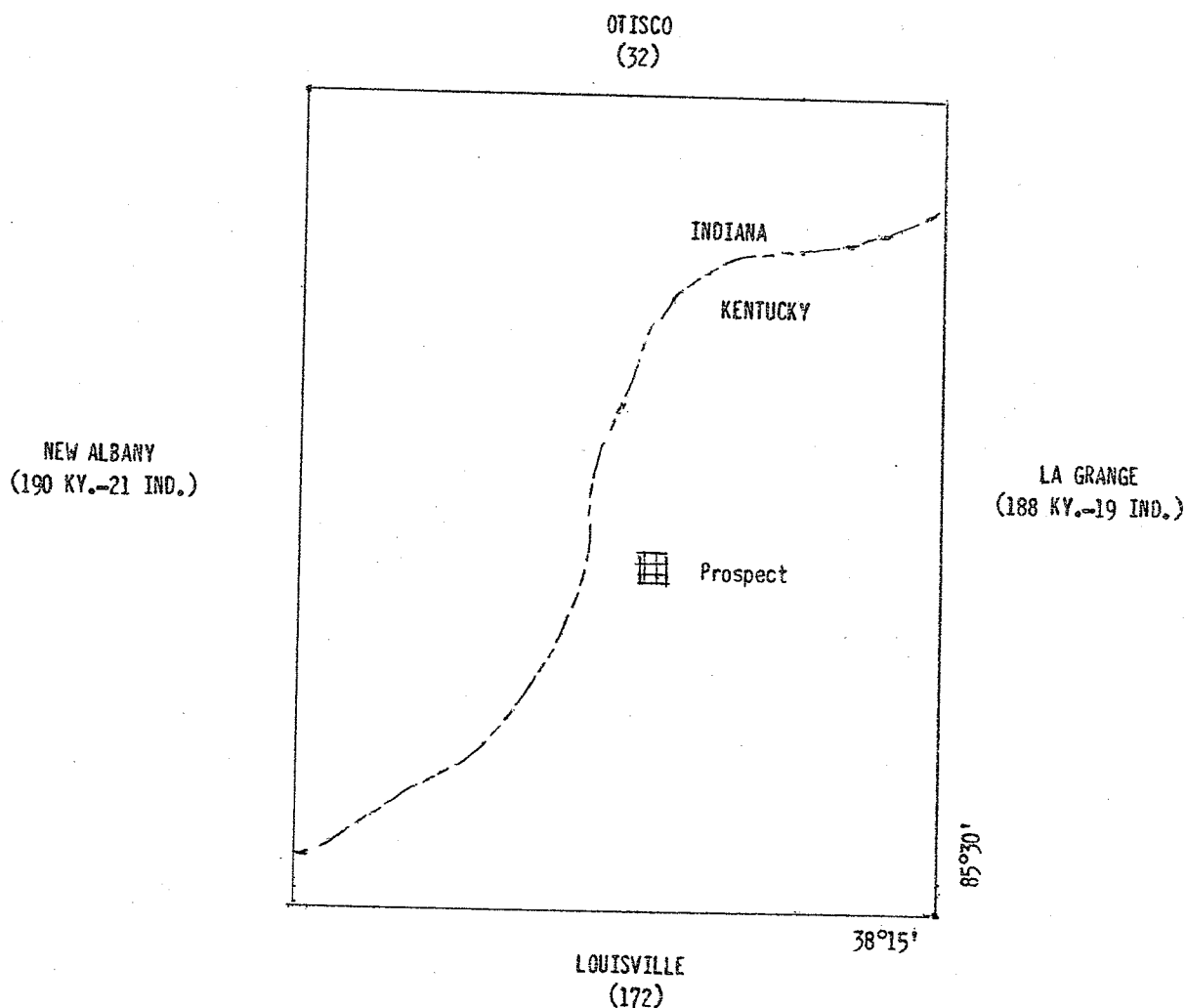
Jefferson and Oldham Counties, Kentucky;
Clark County, Indiana

Edition of 5/19/77

PR: CRV/rmm

Plane coordinates are based on Lambert projection,
Kentucky, North Zone, and transverse Mercator
projection, Indiana, East Zone

Only the permanent marks are
listed for control classified
obsolete and are not shown on
sketch



DISCLAIMER

We no longer attest to the validity of the positions listed for horizontal control established by transit traverse procedures. This control is now considered OBSOLETE and is included in this list for the purpose of identification only.

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<u>NGS</u>	
J 122 1940	6

STATION	DESCRIPTION PLANE COORDINATES, FEET	LATITUDE ° ' "	LONGITUDE ° ' "
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The following positions are considered OBSOLETE. To be used only to locate permanent marks in the field.

By J. R. Ellis, 1906; Books A360-A362

BM 43; at NW. corner of intersection of Green and Shelby Streets; to SE. corner of Scotts Hardware Store; to SW. corner of Hermans Saloon; standard tablet stamped "460"

Ky. N.)	X = 1,572,513 Y = 276,743	38 15 01.71	85 44 19.10
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BM 44; at NW. corner of intersection of Main and Shelby Streets; to SW. corner of Methodist Church corner stone; to SE. corner of roofing store; standard tablet stamped "464" (Not found, 1960)

	X = 1,572,745 Y = 278,251	38 15 16.66	85 44 16.49
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BM 45; at intersection of Story Avenue and Louisville and Nashville Railroad; 12 ft NE. of NE. rail of NE. track; 8 ft NW. of NW. curblin of Story Avenue; 8 ft S. of S. corner of building No. 1201 Story Avenue; standard tablet stamped "458"

	X = 1,575,254 Y = 278,534	38 15 19.85	85 43 45.10
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BM 46; at intersection of Story Avenue, Ohio Street and Frankfort Avenue; 23 ft SW. of SW. curblin of Ohio Street; 8 ft NE. of extended NE. curblin of Frankfort Avenue; 7 ft NW. of NW. curblin of Story Avenue; standard tablet stamped "457" (NOTE: Stamping and casting on tablet not legible)

	X = 1,577,463 Y = 279,707	38 15 31.80	85 43 17.64
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BM 83; at SW. corner of intersection of Main and Jackson Streets; to NE. corner of retaining wall to yard; to NW. corner of American machine shops; standard tablet stamped "458"

	X = 1,571,005 Y = 278,448	38 15 18.33	85 44 38.34
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BM 117; 0.7 mi W. of St. Matthews; at S. corner of Frankfort Avenue at junction of Cannons Lane SE.; 6 ft N. of centerline of streetcar track; to nail in blazed locust tree; to center of pump; standard tablet stamped "548"

	X = 1,592,104 Y = 277,698	38 15 14.21	85 40 13.72
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BM 118; St. Matthews; 25 ft E. of centerline of Frankfort Avenue at junction of Workhouse Road S.; to SW. corner of brick foundation of house; to center of millstone No. 5; standard tablet stamped "550"

	X = 1,595,957 Y = 277,273	38 15 10.60	85 39 25.34
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"PRIM TRAV STA NO 41" (Destroyed, 1949)

	X = 1,595,029 Y = 277,351	38 15 11.23	85 39 36.99
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STATION DESCRIPTION
PLANE COORDINATES, FEET

LATITUDE
° ' "

LONGITUDE
° ' "

OBSOLETE MARKS (Cont'd.)

Westport, in NE. corner of public Schoolgrounds; on iron post; standard cap stamped "PRIM TRAV STA NO 40"

X = 1,649,680 Y = 359,106 38 28 47.07 85 28 25.55

By C. B. Kendall, 1905; Books A39-40

Charlestown, 5.2 mi NE. of; at Runyantown; 300 ft NE. of Runyan Store; at W. edge of rd. at junction of drive NW.; on iron post; standard cap stamped "PRIM TRAV STA NO 3 1905"

X = 1,611,326.36 Y = 363,144.12 38 29 21.674 85 36 28.561

By R. C. Darnell, 1937; Book D2321

Charlestown; at NE. entrance to Johnathan Jennings School; in NW. end of concrete step; standard tablet stamped "TT 1 D 1937 607" (Reported destroyed, 1966)

X = 1,595,582 Y = 346,583 38 26 35.64 85 39 43.36

Memphis, 1.8 mi SE. of; 62 ft N. and 80 ft W. of centerline of rd. at junction of Ripley Road NE.; in SW. corner of yard of Georgia Bottroff; at wire fence; in concrete post; standard tablet stamped "TT 8 D 1937 514"

X = 1,573,933 Y = 355,886 38 28 04.22 85 44 17.32

By D. W. Pinkston, 1948; Book AH 84

Anchorage; 300 ft NW. of clubhouse; 62 ft SW. of centerline of L. & N. RR. tracks; in small circular park; in concrete post; standard tablet stamped "4 M 1926" (Not found, 1965)

X = 1,630,010 Y = 280,617 38 15 48.58 85 32 19.07

Anchorage, 1.8 mi NE. of RR. station, along State Highway 146; 0.8 mi S. of O'Bannon; at intersection of Lucas Road; 25 ft E. of E. rail; 14 ft W. of brick gatepost; 13 ft N. of 30-in. ash tree; 8 ft W. of 28-in. poplar tree; in concrete post; standard tablet stamped "TT 18 DWP KY 1948" (Not found, 1955)

X = 1,635,938 Y = 285,734 38 16 39.97 85 31 05.64

By D. W. Pinkston, 1948; Book AH 122

Brownsboro; in SE. corner of schoolyard; 30 ft NE. of centerline of rd.; 87 ft SE. to corner of E. stone gatepost at entrance to schoolyard; 262 ft SW. to cross cut on SE. corner of foundation of school; on iron post; standard cap stamped "PRIM TRAV STA NO 39" (Not found, 1950)

X = 1,641,552 Y = 314,866 38 21 28.69 85 30 00.21

STATION	DESCRIPTION PLANE COORDINATES, FEET	LATITUDE ° ' "	LONGITUDE ° ' "
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OBSOLETE MARKS (Cont'd.)

Brownsboro; 350 ft SW. of school; 100 ft NE. of residence of W. L. Halleron; 2 ft S. and 28 ft E. of centerline of rd. at junction of driveway to school; 2 ft N. of power pole; in concrete post; standard tablet stamped "TT 63 DWP 1948 764"

X = 1,641,487	Y = 314,900	38 21 29.02	85 30 01.03
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Brownsboro, 1.3 mi NW. of, along State Highway 329, thence 0.8 mi N. along graveled rd.; 16 ft W. of centerline of rd.; 5 ft N. of 12-in. walnut tree; 2 ft E. of, and in line with fenceline W.; in concrete post; standard tablet stamped "TT 64 DWP 1948 741"

X = 1,637,325	Y = 322,134	38 22 39.97	85 30 54.52
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By D. W. Pinkston, 1948; Book AH 122

Harrods Creek, 0.3 mi N. of post office, along River Road; on ground of Masonic Lodge No. 456; 20 ft S. and 46 ft E. of, and 3.0 ft higher than centerline of rd. at junction of drive E.; 98 ft W. of SW. corner of building; 6 ft ENE. of 36-in. maple tree; in concrete post; standard tablet stamped "TT 65 DWP 1948 456"

X = 1,603,869	Y = 305,546	38 19 51.25	85 37 51.49
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Harrods Creek; 1.5 mi SW. of, along River Road; 0.2 mi SW. of bridge over Goose Creek; 54 ft SE. and 47 ft NE. of, and 3.5 ft lower than centerline of River Road at junction of Lime Kiln Road SE.; 36 ft NNE. of telephone pole No. 1; 4 ft ESE. of telephone pole No. 185; in concrete post; standard tablet stamped "TT 66 DWP 1948 440"

X = 1,599,040	Y = 299,918	38 18 54.90	85 38 51.00
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Harrods Creek, 1.5 mi SW. of, along River Road; 0.2 mi SW. of bridge over Goose Creek; 274 ft SE. and 239 ft NE. of centerline of River Road at junction of Lime Kiln Road SE.; 230 ft NNE. of telephone pole No. 3; 225 ft SE. of second telephone cable pole NE. of junction; 21 ft N. of small swampy area; in hayfield; on iron pipe; USED standard cap stamped "895"

X = 1,599,304	Y = 299,900	38 18 54.76	85 38 47.69
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Harrods Creek, 1.5 mi SW. of, along River Road, thence 2.2 mi SE. along Lime Kiln Road; 2.0 mi SE. of Ballard School; 100 ft SW. of intersection of U.S. Highway 42 and Lime Kiln Road; 36 ft NW. of, and 1.0 ft higher than centerline of southbound lane of hwy.; 3 ft S. of metal witness post and sign; 3 ft NE. of power pole; in concrete post; standard tablet stamped "TT 67 DWP 1948 569"

X = 1,603,944	Y = 290,209	38 17 19.66	85 37 47.66
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STATION	DESCRIPTION	LATITUDE	LONGITUDE
PLANE COORDINATES, FEET		° ' "	° ' "

OBSOLETE MARKS (Cont'd.)

St. Matthews, 2.3 mi NE. of, along Westport Road; 1.0 mi NW. of Lyndon Post Office, along Lyndon Lane, thence 0.4 mi SW. along Westport Road; 44 ft S. of, and 1.5 ft lower than centerline of rd. at junction of private drive SE.; 4 ft E. of telephone pole; 3 ft S. of metal witness post and sign; in concrete post; standard tablet stamped "TT 68 DWP 1948 564"

Ky. N.)	X = 1,606,670	Y = 282,436	38 16 03.23	85 37 12.02
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St. Matthews, 0.9 mi NE. of, along Westport Road; 0.2 mi SW. of Kentucky Boys Estate; 56 ft W. of intersection of Westport Road and Hubbard Lane; 2 ft S. of utility pole; in concrete post; standard tablet stamped "TT 69 DWP 1948 553"

	X = 1,600,425	Y = 279,813	38 15 36.36	85 38 29.81
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Louisville; 0.1 mi W. of E. city limits; at intersection of Cannons Lane and L. & N. RR.; opposite SW. corner of Green Tree Manor grounds; 46 ft W. of centerline of Cannons Lane; 8 ft N. of N. rail; 6 ft W. of semaphore; in top of E. concrete base of semaphore switchbox; NGS standard disk stamped "J 122 1940"

	X = 1,592,008	Y = 277,801	38 15 15.22	85 40 14.94
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By I. W. Cayce, 1953; Book AH 302

Utica, 1.6 mi N. of, along River Road to private club; 21 ft E. of centerline of hwy.; 4 ft S. of lone chimney; in concrete post; standard tablet stamped "TT 18 TWC 1953"

	X = 1,600,591	Y = 314,872	38 21 22.95	85 38 34.39
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Utica, 2.1 mi N. of, along River Road to entrance gate No. 54 to Indiana Ordnance Works, thence 1.5 mi N. along Patrol Road to Well No. 5; at SW. corner of wire fence around well; in concrete post; standard tablet stamped "TT 19 TWC 1953" (Reported disturbed, 1953)

	X = 1,601,860	Y = 324,382	38 22 57.13	85 38 20.26
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Utica, 2.1 mi N. of, along River Road to entrance gate 54 to Indiana Ordnance Works, thence 3.5 mi N. along Patrol Road; 48 ft E. of Eighth Street; 6 ft NW. of wire fence; 4 ft SE. of powerline pole; in concrete post; standard tablet stamped "TT 20 TWC 1953"

	X = 1,603,633	Y = 333,975	38 24 32.22	85 37 59.81
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Utica, 2.1 mi N. of, along River Road to entrance gate 54 at Indiana Ordnance Works, thence 5.6 mi N. along Patrol Road to gate 34; 6 ft NW. of powerline pole; 3 ft S. of wire fence; in concrete post; standard tablet stamped "TT 21 TWC 1953" (Reported disturbed, 1953)

	X = 1,598,931	Y = 341,908	38 25 49.93	85 39 00.39
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STATION DESCRIPTION
PLANE COORDINATES, FEET

LATITUDE
° ' "

LONGITUDE
° ' "

OBSOLETE MARKS (Cont'd.)

Charlestown, 1.3 mi NE. of junction of State Highways 3 and 62; along Hwy. 62 to RR. crossing at Gate No. 29; 39 ft S. and 12 ft E. of centerline of hwy. at RR. crossing; 2 ft NW. of wire fence; in concrete post; standard tablet stamped "TT 22 TWC 1953" (Reported disturbed, 1953)

X = 1,600,172 Y = 348,717 38 26 57.42 85 38 46.09

Indiana Ordnance Rocket Plant No. 2; at building No. 2502; 22 ft SW. of centerline of rd. under streamline pipeline; in concrete post; standard tablet stamped "TT 23 TWC 1953"

X = 1,609,237 Y = 351,331 38 27 24.60 85 36 52.64

Skylight, 1.0 mi SW. of, along U.S. Highway 42, thence 1.0 mi SE. along graveled rd.; 25 ft SE. and 11 ft SW. of centerline of rd. at curve at junction of graveled drive SE.; 11 ft NE. of center of cattle guard; 3 ft S. of fenceline corner; in concrete post; standard tablet stamped "62 RHP 1952 752"

X = 1,634,885 Y = 335,639 38 24 53.13 85 31 27.50

MARKS TIED BY NGS

By R. C. Darnell, 1937; Book D2321

Charlestown, 4.2 mi S. of, along State Highway 62, thence 0.8 mi SW. along old Charlestown Pike; 0.9 mi NW. of Watson, thence 1.6 mi NE.; in SW. corner of yard of Utica Consolidated School; 18 ft N. and 45 ft W. of center of front door to school building; in concrete post; standard tablet stamped "TT 2 D 1937 513"

X = 1,584,402.43 Y = 322,631.11 38 22 37.169 85 41 59.124

New Albany, 6.0 mi NE. of station, along Baltimore and Ohio Railroad; 0.9 mi NW. of Watson, thence 1.1 mi SW.; 120 ft SW. of intersection of RR. and old Charlestown Pike; 40 ft N. of intersection of second-class rd. and RR. crossing; at W. side of RR. right-of-way along fenceline; in concrete post; standard tablet stamped "TT 3 D 1937 492"

X = 1,577,894.61 Y = 310,265.35 38 20 33.920 85 43 18.355

By R. C. Darnell 1937; Book D2322

Charlestown, 0.8 mi NW. of, along State Highway 3, thence 2.4 mi SW. along State Highway 403; 4.8 mi SE. of Memphis; at corner of military grants 114, 115, 133, and 134; 97 ft W. of centerline of crossroads; 6 ft S. and 4 ft W. of SE. corner of Township School No. 6; in concrete post; standard tablet stamped "TT 7 D 1937 561"

X = 1,582,834.24 Y = 343,274.39 38 26 00.971 85 42 22.913